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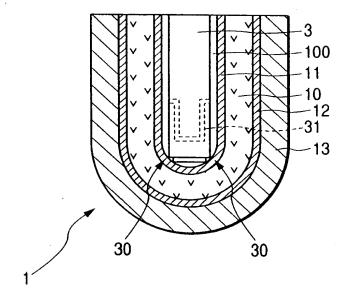
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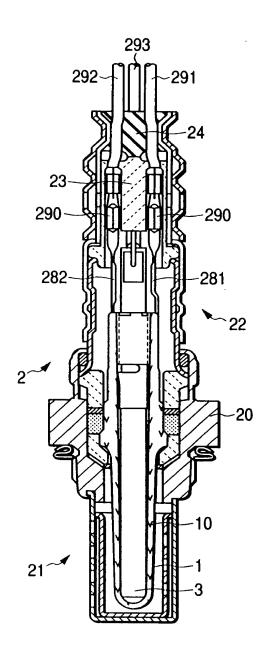
FIG. 1



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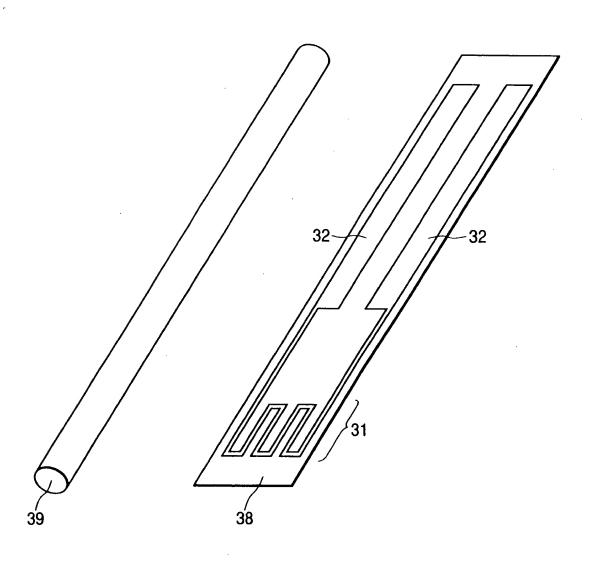
FIG. 2



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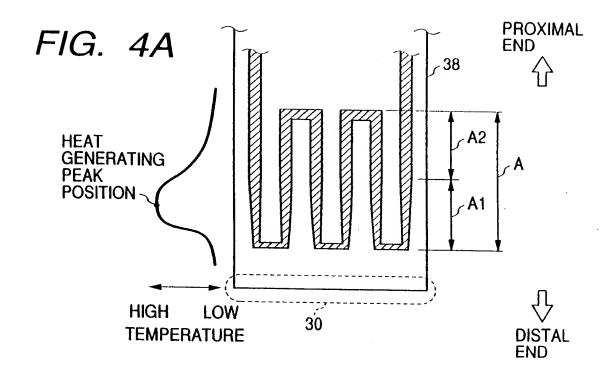


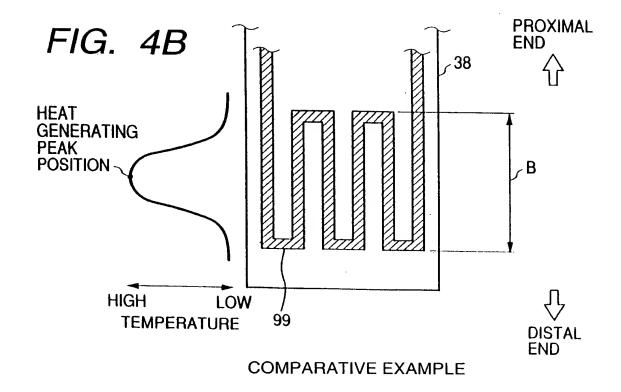
FIG. 3



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FIG. 5

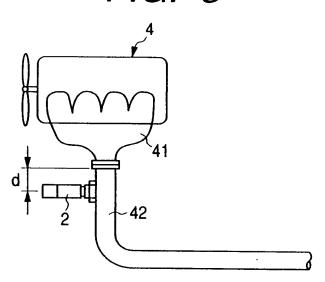
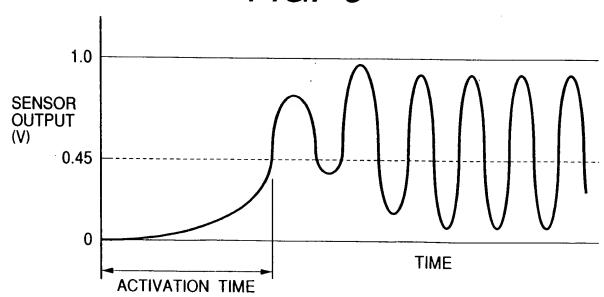


FIG. 6



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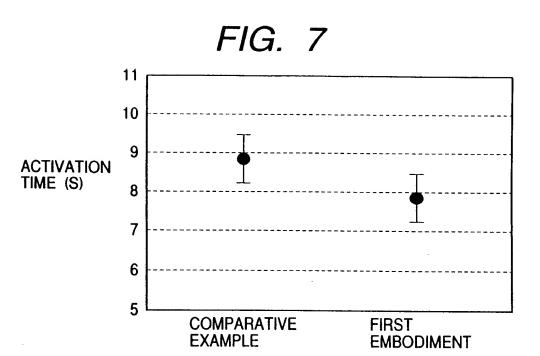


FIG. 8 100 **COMPARATIVE EXAMPLE** 80 FIRST EMBODIMENT RATE OF THIRD EMBODIMENT **HEATER** 60 **CRACK GENERATION** (%) 40 20 11 12 13 14 15 16 18 19 20 21 APPLIED VOLTAGE (V)

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FIG. 9

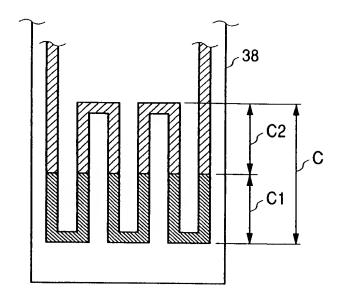
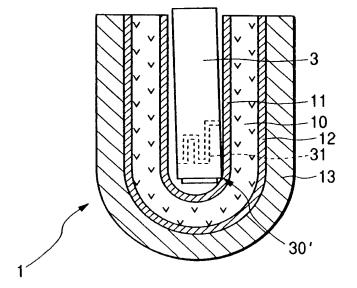
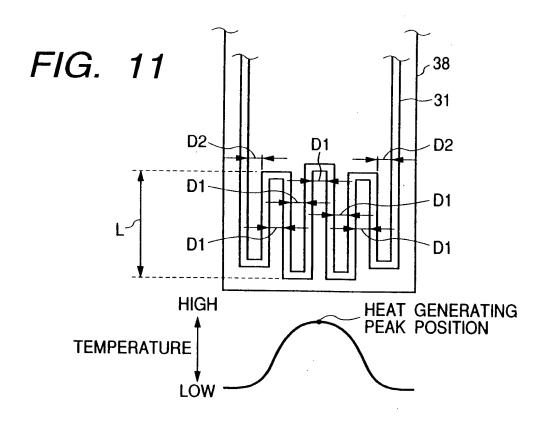


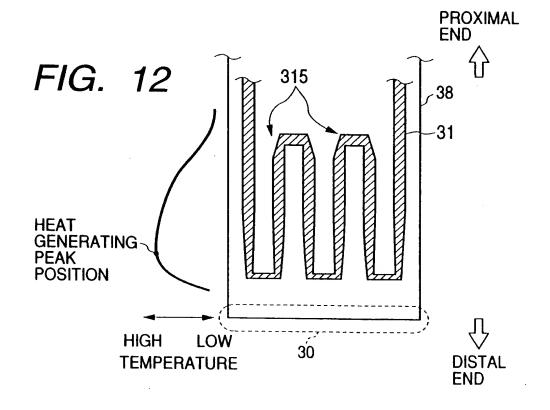
FIG. 10



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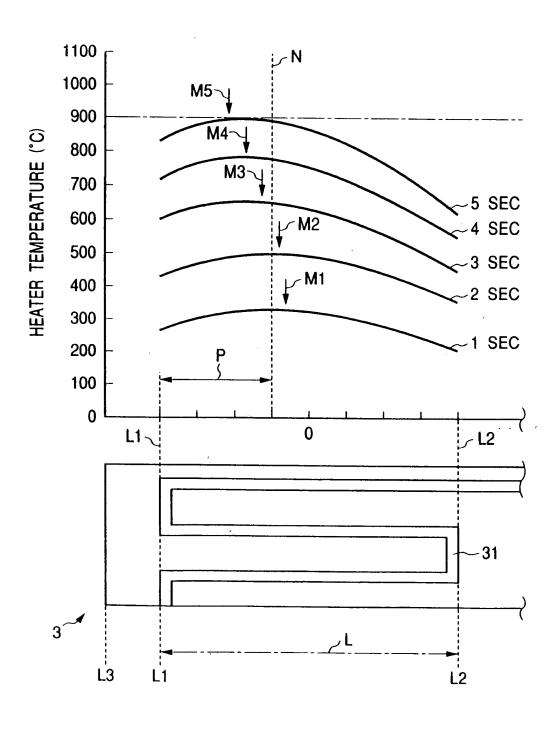




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FIG. 13



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FIG. 14

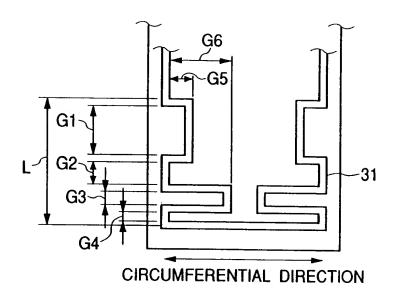
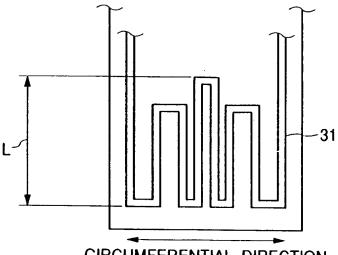


FIG. 15



CIRCUMFERENTIAL DIRECTION